

SINGAPORE

# USG BORAL SHEETROCK® BRAND PLASTERBOARD



## Synia Plasterboard (Ceilings)

### High-performance Lightweight Interior Plasterboard

- Lightest gypsum plasterboard by thickness available
- Easy to lift, carry and install
- Improves installation speed and reduces wastages
- Complies with international standards such as BS EN 520, or equivalent local standard for physical properties
- Uniformed and stronger core, helps in reducing board damages

---

### DESCRIPTION

USG Boral SHEETROCK® Brand plasterboard has a re-engineered, lightweight core with USG Boral's innovative Sag-Defying Strength™ formulation. The panels have a superior sag resistant performance that allows for greater spans. The non-combustible gypsum core is encased in 100% recycled face and back papers.

USG Boral SHEETROCK® Brand Synia Plasterboard has four-tapered edges for easy and seamless ceiling finishing when used with USG Boral's joint compounds.

---

### INTENDED FOR

- Non-fire-rated ceiling applications
- Commercial or residential construction
- Repair and remodel construction
- Perpendicular installation on ceilings up to 610mm metal frame spacing
- Steel framing

---

## ADVANTAGES

**Lightweight:** Ease of transportation, carrying and handling.

**Sag-Defying Strength™:** Specially formulated plasterboard panels with a high strength-to-weight ratio composite design offering better anti-sag performance.

**Reaction to Fire:** Non-combustible. Evaluated and complies with BS 476: Part 4.

**Easy to Install:** Scores and snaps easily, reducing installation time and wastages.

**Quality:** Innovative manufacturing process that optimizes the core structure for excellent physical properties and consistency in quality.

**Seamless Ceiling Finishing:** When fastened with screws, the four-sided tapered edges in USG Boral SHEETROCK® Brand Synia plasterboard allow for easy plastering and beautiful ceiling finishing even under critical light.

**Quick Ceiling Installation:** Fix screws directly without any connector, clip and other accessories with USG Boral SHEETROCK® Brand Synia Ceiling Batten System.

**Cost Savings:** Wider secondary ceiling frame spacing with USG Boral SHEETROCK® Brand Synia plasterboard Sag-Defying Strength™ formula reduces the number of ceiling battens required.

---

## LIMITATIONS

1. Avoid exposure to sustained temperatures exceeding 50°C.
2. Maximum framing spacing is 24" (610mm) centers.
3. Intended for interior applications only and must be kept dry during handling and storage. Please see USG Boral installation guidelines.
4. Wall cavities, floor cavities and other enclosed areas must be dry prior to being closed-up and application of interior finishing. Insulation in the wall or floor cavities must be dry.
5. Plasterboards should be stored in neat, flat stacks off the ground in a covered area to prevent sagging and minimize damaging board edges and surfaces. Plasterboard stacking supports should be spaced at no more than 600mm centers.

---

## FINISHING AND DECORATING

It is essential that the level of finish is determined at the design stage since each level has specific requirements for substrate tolerances and plasterboard installation, jointing and finishing. The desired level of finish may not be achieved unless all of these requirements are met through various stages of construction.

USG Boral recommends the use of USG Boral jointing compounds and the three-coat jointing system using paper tape to achieve the best joint strength.

For priming and decorating with paint, texture or wall covering, follow manufacturer's directions or recommendations.

If using semi-gloss or gloss paint, it is recommended that plasterboard surface is finished to a Level 5 standard as these paints tend to highlight surface variations.

For Levels of Finish, please refer to USG Boral Interior Finishes Technical Manual.

**TEST DATA**

USG Boral SHEETROCK® Brand plasterboard complies with:

	Property	Test Methods	Specification	USG Boral SHEETROCK® Brand Synia & Synia MR 9.0 mm	USG Boral SHEETROCK® Brand Synia & Synia MR 12.0 mm
Fire Reaction	Non-combustibility	BS 476 Part 4	Pass	Pass	Pass
	Physical Properties	Flexural strength	BS EN 520	Parallel	>387N
Perpendicular			>151.2N	>201.6N	

**PRODUCT DATA**

Property	USG Boral SHEETROCK® Brand Synia 9.0 & 12.0 mm	USG Boral SHEETROCK® Brand Synia MR 9.0 & 12.0 mm
Weight (kg/m <sup>2</sup> )	6.4 / 7.8	6.3 / 8.3
Thickness (mm)	9.0 / 12.0	9.0 / 12.0
Width (mm)	1220	1220
Length (mm)	1830	1830
Edges	Tapered	Tapered
Face Paper Color	Ivory	Green

**COMPLIANCE**

- The sag performance for USG Boral SHEETROCK® Brand plasterboard has been verified by USG Boral’s Products & Systems Technical Centre (PSTC) in accordance with temperature and humidity conditions stipulated in ASTM C473 on small samples and large scale ceiling systems
- Qualifies as low-VOC content material

**SUBMITTAL APPROVAL**

Job Name	
Contractor	Date



041-001-2413  
Made from Recycled Material

**USG Boral Singapore**

8 Boon Lay Way #02-06  
TradeHub 21  
Singapore 609964  
Tel: (65) 6272 9272  
Fax: (65) 6278 5310  
Email: [contact-us.sg@usgboral.com](mailto:contact-us.sg@usgboral.com)

